Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 10 Jan 2022 until 23:59 on Tuesday 11 Jan 2022

Forecast Issued on Monday 10 Jan 2022 at 02:29

Confidence: High becoming Medium for cloud details from Wednesday.

Headline for Monday 10 Jan 2022: Rain and drizzle. Extensive cloud.

Mountain weather hazards on Monday 10 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	50%	80%	80%	40%	80%

Forecast for Monday 10 Jan 2022

Weather: Mainly dry with some clear spells overnight. Cloudy and overcast during daylight hours with outbreaks of rain and drizzle. The rain mostly light but some heavier bursts in the evening.

Chance of cloud free mountain/hill tops above 800m: 50% overnight. Nil to 20% during daylight hours.

Visibility: Mostly poor or very poor at height and moderate or poor in rain and drizzle. Patchy cloud around the summits overnight, becoming extensive during daylight hours, base 300 to 600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 10 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	20/24 S	27/34 S	25/31 SE	26/32 S	26/32 S	24/29 SW	16/19 NW
600	23/30 S	30/40 S	25/34 S	24/31 S	20/26 S	16/22 SW	12/16 W
300	12/21 S	11/27 S	8/21 S	6/20 S	4/18 S	4/17 SW	4/14 NW
Valley	5/14 S	7/21 SE	7/19 SE	5/16 SE	5/15 S	5/16 SW	4/13 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-4	3/-4	4/-3	4/-1	5/-1	5/-0	2/-3
600	3/-3	4/-3	4/-2	5/0	6/1	6/2	4/0
300	5/1	5/1	5/2	6/4	7/6	7/6	6/5
Valley	6/4	6/4	6/4	7/5	8/6	8/7	8/7
Freezing Level*	1400m	2200m	2000m	2000m	2100m	2000m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Forecast for Tuesday 11 Jan 2022

Weather: Low cloud and rain clearing overnight, some mist and fog patches possible by dawn. Bright with sunny spells during daylight hours although any mist and fog in the valleys slow to clear and becoming more extensive in the evening.

Maximum wind: West or Southwest 15mph

Chance of cloud free mountain/hill tops above 800m: 90%

Visibility: Mostly very good, but poor or very poor in any low level mist and fog. No significant cloud at height.

Temperature: **Valleys:** Plus 1 rising to 8 Celsius
At 800m: Around Zero Celsius
Freezing level: Around 800m

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Mountain Weather Forecast

Ground Conditions Supplement
Date Sunday 9 January. Location Catstye Cam summit at 1300. Temperature plus 0.4degC. Maximum wind speed 34.5mph. Wind chill minus 4.2degC. Average wind speed 19.0mph.

Full report:
A mixed day of weather with showers on and off throughout the day, some falling as snow over high ground. Overnight snow has settled above 500-600m adding the already existing accumulations. The freezing level this morning was around 600m but this rose through the day to around 900m. Snow distribution is varied, with the greatest accumulations on north and east-facing slopes above 700m. Snow depth varies significantly from a few centimeters over high and exposed ground to knee-deep drifts in other places. Small cornices have also developed around north and east-facing corrie rims and should be given a wide berth. Ice is also present underneath the snow in some places, and particularly where the snow has been compressed by walkers and refrozen. Much of the snow encountered today was relatively soft with some firmer areas that were almost (but not quite) weight-bearing. Striding and Swirral edge are in winter condition and should only be attempted by those with suitable experience and the correct equipment.
Milder temperatures are forecast tomorrow, however, high terrain may remain frozen well into the day.For anyone venturing above the snowline tomorrow, microspikes and walking poles are advisable and if you are planning routes over or above steep ground, an ice axe and crampons are essential. Warm and waterproof clothing including hats/ gloves, headtorch, map, and compass are also essential. This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 02:29 on Mon 10 Jan 2022

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